

# Oregon

## Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	5,731	453,928	24	Total R&D performance, 1995 (millions)	\$1,089	\$177,210	30
Doctoral engineers, 1995	895	86,738	28	Industry R&D, 1995 (millions)	\$741	\$130,332	29
S&E doctorates awarded, 1996	300	27,230	27	Academic R&D, 1996 (millions)	\$276	\$22,481	27
of which, in life sciences	37%	25%		of which, in life sciences	61%	56%	
in engineering	15%	23%		in environmental sciences	11%	6%	
in physical sciences	13%	14%		in engineering	8%	16%	
S&E postdoctorates, 1996	328	37,019	26	Higher education current-fund expenditures, 1995 (millions)	\$2,122	\$182,602	28
S&E graduate students, 1996	4,204	430,631	31	Number of SBIR awards, 1990-1997	411	31,155	20
in doctorate-granting institutions				Patents issued to state residents, 1997	793	61,699	22
Population, 1997 (000s)	3,243	271,464	30	Gross state product, 1996 (billions)	\$87.0	\$7,677.4	28
Civilian labor force, 1997 (000s)	1,732	137,564	27	of which, agriculture	3%	2%	
Personal income per capita, 1997	\$24,393	\$25,598	24	manufacturing, mining, construction	26%	23%	
Federal spending				transportation, communication, utilities	8%	8%	
Total expenditures, 1997 (millions)	\$14,633	\$1,405,060	31	wholesale and retail trade	17%	16%	
R&D obligations, 1996 (millions)	\$307	\$66,087	29	finance, insurance, real estate	16%	19%	
				services	18%	20%	
				government	12%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

## Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	306,830	82,344	0	50,958	130,889	35,552	7,087	29
<b>Department of Agriculture</b>	33,690	22,214	0	82	11,240	120	34	10
<b>Department of Commerce</b>	23,028	13,066	0	7,528	2,126	0	308	10
<b>Department of Defense</b>	39,487	514	0	24,479	11,501	2,993	0	35
<b>Department of Energy</b>	33,304	22,617	0	990	8,972	200	525	20
<b>Dept. of Health &amp; Human Services</b>	99,857	7	0	5,868	61,921	31,544	517	24
<b>Department of Interior</b>	13,619	13,264	0	18	337	0	0	8
<b>Department of Transportation</b>	6,323	0	0	65	655	0	5,603	23
<b>Environmental Protection Agency</b>	23,330	10,637	0	8,298	4,145	150	100	5
<b>Nat'l Aeronautics &amp; Space Admin.</b>	6,606	25	0	1,936	4,412	233	0	35
<b>National Science Foundation</b>	27,586	0	0	1,694	25,580	312	0	23
<b>State rank</b>	29	25	na	34	27	15	3	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable